

a monthly publication of the  
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# Inside TVA

Volume 30, Issue 7  
August 2010

## Energy Choices

The Integrated Resource Plan project team is weighing all the variables to create a 20-year energy roadmap.

TEAM MEMBERS (L-R) LARRY COLE, JILL GLENN AND RANDY JOHNSON DESCRIBE FUTURE GENERATION OPTIONS AT A PUBLIC INFORMATION SESSION.

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## The Hibbs Island Dike gets a facelift

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BALANCING AUTHORITY  
CRYSTAL GALYON'S

## job rocks

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## ADDITIONAL INFORMATION

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## HOT TOPICS

### Artifacts Protected During Drawdown

TVA is working to protect archaeological artifacts during a six-month drawdown of Blue Ridge (Ga.) Reservoir for repairs and safety upgrades to Blue Ridge Dam.

The lower water levels will expose hundreds of acres of TVA-managed property that were once a forested river bottom inhabited by the Cherokee Indians and later Euro-American settlers. Traces of these campsites, villages and farmsteads remain even today and are considered archaeological resources containing important information about American prehistory and history.

All remnants from any cultural period are protected under the Archaeological Resources Protection Act of 1979. The act imposes criminal or civil penalties for unauthorized digging or collecting of these artifacts and provides rewards of up to \$500 for information leading to conviction or civil fines.

Anyone who observes looting, destruction or any other illegal activity on an archaeological site on TVA-managed land should report it to the TVA Police at 800-824-3861.

### Generation Partners Moves Forward

TVA has resumed enrollments in its Generation Partners pilot program for renewable electricity projects of up to 1 megawatt in generating capacity to help encourage the development of solar, wind and other non-traditional electricity sources.

Under the new plan to address the unexpectedly fast growth in the pilot project, TVA will:

- Process all participation agreements submitted by Aug. 31 for qualifying systems from 201 kilowatts up to 999 kilowatts;
- Maintain the existing pilot project for systems of up to 200 kilowatts or less;
- Extend the deadline to install approved projects from six months to one year for all systems larger than 200 kilowatts.



“The continuing growth of Generation Partners shows the interest in renewable energy by people in the TVA service region,” says John Trawick, senior vice president for Commercial Operations & Pricing. “We thank all of those involved for their support and patience.”

### The Compliance Office: Helping TVA Get Better

A year ago the TVA Board resolved to create the Compliance Office.

“The Board sought to address the lessons learned from the Kingston ash spill,” says Compliance Vice President Bob Wells. “We were chartered as a complement to the TVA Inspector General audit function. But our work goes far beyond auditing. Our mission is to become a center of excellence to help TVA management identify problems and help fix them. We want to be proactive and stay ahead of high-risk problems or fines for non-compliance.”

The Compliance Office will weigh TVA’s programs, activities and functions against best-practices or established standards. It will assess policy compliance, procedural compliance and performance of the following:

- Financial programs
- Operational and engineering programs
- Overall governance and operational procedures.

“We intend to help TVA get better,” says Wells. “We’ll accomplish this by building relationships and encouraging collaboration with TVA operations and business units.”

## ON THE COVER

**COVER PHOTO** – Integrated Resource Plan project team members Larry Cole, Jill Glenn and Randy Johnson are illuminated by a PowerPoint slide at a public information session in the Chattanooga offices of Green Spaces. Story on pages 6 and 7. Photo by David Luttrell.





# Dike Repaired on Hibbs Island

BY BROOKS CLARK

Rock and clay barrier will keep Clinch River water downstream from Norris Dam flowing over weir dams.

For 26 years, the dike on Hibbs Island — in the Clinch River about 2 miles south of Norris Dam — had done its job. When large amounts of water were released from the dam, the dike pushed the flow around the island and over the weir dams on either side. The weirs serve to gather the water in an upstream pool that ensures a steady release of 200 cubic feet per second when water is not being released from the dam. The weirs also serve to increase the water's dissolved-oxygen levels as it flows through auto-venting turbines.

Over time, heavy flows from Norris had washed away portions of the dike, which meant the water flowed through the island and not over the weirs.

So during the last week in May a crew of contractors led by project manager Chuck Parkins, River Operations, and foreman Jeff Northern started moving bargeloads of large equipment, rocks and clay to build the dike back up.

After digging a 2-foot-deep trench, workers rebuilt a 75-foot section of the dike with layers of rock and clay to a height of about 4 feet. In all, it took 20 tons of clay and 175 tons of 8-to-12-inch stone.

“We measure project success on safety, quality, schedule and budget,” says Parkins. “In every area this was a successful project.”



PHOTOS BY CHUCK PARKINS

Top left: Tim Harrell (in red) and Mike Wilkerson man a launch as the barge is unloaded from a flatbed truck. Top right: Jeff Northern watches a launch as it approaches the barge. Middle Scott Compton checks the barge progress as (l-r) Aaron McClellan, Harrell and Northern guide from the launches. Above left: Randall Scott monitors as an inspection/safety walkway is placed across the repaired section of the dike. Above right: the finished walkway provides handy access across the repaired section.



## A Good Tern at Allen Fossil Plant

Unusually high water on the Mississippi River this spring meant that sand bars usually used for nesting by interior least terns were underwater. So some of the birds flew a short distance and nested on bars at the Allen Fossil Plant ash pond.

Barry Hart, a biologist with TVA's Kentucky Watershed Team, verified the presence of the terns, an endangered species. Charles Hofer, a TVA biologist from Knoxville, worked with Hart to monitor the nesting site. Over the next few weeks, they identified more than 20 nests onsite.

Doug Keeling, the Allen plant manager, notified senior management, who agreed to provide whatever support was necessary while continuing to meet TVA's obligation to provide power.

In early June, Hart and David Thorpe, Allen's environmental program administrator, discovered a nest with an egg on a road that divides the pond. Keeling had the road barricaded. Plant management worked with Trans Ash, the partner in charge of ash removal,



to determine what work could be done in the ash pond without disturbing the birds. When coyotes appeared, a U.S. Department of Agriculture team placed eight traps around the pond and successfully removed four coyotes and a bobcat.

"This event highlights TVA's commitment

to the environment," says Keeling," as well as the value of teamwork by many different TVA organizations, Trans Ash and the representatives from state and federal agencies willing to lend their time and expertise."

Go to Inside TVA online to see Damien Power's video of the terns.



Front row left to right: Lee Thomas, Lauren and Claire (daughters of Chris Allen), Lauren Harrison, Rashida Thomas, Susan Haisley, Marcia Richardson, Stephanie Broome, Katie Hurst (friend of Trevor Smith, son of TVA Police Commander Robin Smith). Second row (l to r): Chris Wells holding son Landan, Amy Allen (wife of Chris Allen), Mike Walker, Joe Kelley, Meredith Kowalski, Jane Jolley (wife of TVA Police & Physical Security Vice President David Jolley), Jonathan and Tiffany Barnett (daughter and son-in-law of Robin Smith), Trevor Smith. In back (l to r): Chris Allen, Jim York, Tim and Tami Cox, James Thomas, Trena Palmer, Will Johnson, David Jolley and Robin Smith.

## Law Enforcement Run Supports Memorials in Knoxville and D.C.

Thirty TVA employees, family members and friends took part in the third annual Knoxville Law Enforcement Memorial Run, earning the TVA Police the award for the most participants for a department its size. The proceeds benefit the National Law Enforcement Officers Memorial Fund in Washington, D.C., and a Law Enforcement Memorial planned for the Knoxville area.

Those representing TVA who won individual awards included:

- Claire Allen, daughter of Office of the Inspector General Agent Chris Allen, won in her age division.
- Stephanie Broome, Office of the Inspector General, won in her age division.

- Susan Haisley, Commercial Operations & Pricing, came in third in her age division.
- Jane Jolley, wife of TVA Police & Physical Security Vice President David Jolley, was third in her age division.
- Marcia Richardson (Treasury) placed second place in her age division.

TVA Police Officer Brandan Sharp was chairperson for this year's race, with assistance from Lauren Harrison. Andy Hammer and Officer Ben Lopez assisted at the race. In addition to those pictured, participants representing the TVA Police included Sam Harrison (Lauren's husband) and Aubrey Wells (Chris Wells' wife). Officer Tony McGinnis assisted with traffic, and retired Officer Thomas McDaniel attended.





# *Diamonds in the Rough:* **MEET THE NEW HARTSVILLE**

BY DAMIEN K. POWER

**S**imple Cold War-style warehouses, complete with antique U.S. Property warning signs, stoically stand in rows on rolling hills. Steel doors and giant locks protect long racks of every imaginable part and component. Inside, giant spools of cable sit patiently waiting to fill orders for customers in need. For generations, the Hartsville (Tenn.) Distribution Center represented the end of the line for discarded equipment. But today it represents new beginnings.

A visitor moving from warehouse to warehouse can see the effort involved in meticulously sorting and stocking the myriad of parts. Each item is labeled and prepared to ship at a moment's notice.

## **Why Pay Retail?**

At the heart of this operation are just six dedicated TVA employees, working under the supervision of manager Kirk Wright (shown in photo of the distribution center above). Wright knows his stuff, having spent time working at both nuclear and fossil plants. He has first-hand knowledge of the expenses incurred by plants during outages, and he recalls the times when one plant would be selling for pennies what another plant down the road was buying at retail prices.

"When you're planning your outages, or any work really, check out our inventory

first," explains Wright. "It's brand new!" "Every item we add to inventory is automatically updated in Maximo. And anything a plant requests will be at a nominal charge, plus freight."

The concept is a simple one. More often than not there are parts left over from planned outages, closed work orders and site cleanups. Typically these, as well as some obsolete parts, would have been sold off wholesale for pennies on the dollar. Should these parts be needed once again, they would have to be ordered at retail prices, representing a net loss for the company.

## **Location, Location, Location**

However, a potential 90-95 percent savings is but one advantage. Because of Hartsville's central location in the TVA service area, these materials can be deployed to any customer within days instead of weeks for only a nominal fee and the cost of shipping. With more than 10,000 items in stock (representing about \$12 million in materials), the Hartsville Distribution Center's industrial store should be the first place TVA plants shop for all their material needs.

"Logistically, we're in the center of the state. We're available 24/7, and we can get what you need dispatched," Wright says. Logistics are important, but the fo-

cus of Wright's passion is reliability. "We have 100 percent inventory accuracy, we've touched every part in our inventory to make sure it's there, and it is what we say it is."

Wright has a knack for customer service, and he and his crew are proud of what they have created. "If you have material needs, check with us first. Call us! Or, if you've got the time, come by and see us! We're more than happy to give you a tour." ■



**At top: Manager Kirk Wright. Above: Material Handler David Kennedy.**

PHOTOS BY DAMIEN K. POWER



# Energy Choices

The Integrated Resource Plan project team is creating TVA's 20-year energy strategy.

BY BROOKS CLARK



Integrated Resource Planning Senior Manager Randy Johnson (right) describes the complexities of creating a 20-year generation plan to Olin Ivey of the Urban Century Institute as team members Larry Cole and Jill Glenn look on.

When Integrated Resource Plan team member Larry Cole gives presentations to the public about the 20-year energy plan currently being developed, called *TVA's Environmental and Energy Future*, he gets questions like "Why can't we get all our electricity from solar and wind?" and "Can't we solve all our problems with energy conservation?" and "Why don't we just go all nuclear?" Cole usually answers that these are all part of TVA's energy future, but the team must weigh many complex details and variables to make a comprehensive generation plan for the next two decades.

## No 'Silver Bullet'

Last month, Cole explained the Integrated Resource Plan process to a group of citizens in the offices of Green Spaces, a Chattanooga organization that supports environmentally friendly projects. Olin Ivey of the Urban Century Institute asked why TVA isn't looking into cutting-edge technologies that could render traditional energy sources (fossil, nuclear and hydro) unnecessary.

Cole answered that while TVA is always developing and adopting new technologies, there is no "silver bullet" that can completely replace current generation options. Innovation is good, but it will take a balanced portfolio to best serve the energy needs of the TVA service area. An Environmental Impact Statement is also being produced, in line with the requirements of the National Environmental Policy Act, that will help TVA evaluate the impact of future generation options on the environment.

After the presentation, Cole and fellow team members Randy Johnson and Jill Glenn talked more about the complexities of planning for a system TVA's size. "Because the Integrated Resource Plan is a public document, it is subject to public review," says Glenn, the team's communication lead. "Getting involvement and input from different stakeholder groups is key to validating the process of developing an Integrated Resource Plan, and we want the public to feel it had an influence on the outcome. The meeting at Green Spaces is an example of that effort."

## A Complex Process

Johnson says TVA's outreach to the community is what makes the Integrated Resource Plan process different from the normal internal planning, which produces a 20-year capacity-expansion plan every 12 months. "The Integrated Resource Plan includes a lot of public input," he says. "For example, the establishment of an external Stakeholder Review Group was an outcome of the





Left, Randy Johnson talks with Bill Lee, chief executive officer of Frontline Bioenergy. Middle, members of the public listen to Larry Cole's presentation about the Integrated Resource Plan. Right, Cole discusses the potential of solar power with Linda Harris of TVA Environment & Technology.

**“We want to be transparent with the public. When it’s all over, we want people to feel that the process was reasonable. We want people to know that we want their input and we want them to be able to see what we’re doing.”**

— Randy Johnson, senior manager, Integrated Resource Planning

seven public meetings held last summer. We also have four more public meetings planned for this fall.”

Because of extensive public involvement and the need to look at more alternatives than required in the annual planning cycle, crafting a long-term energy and environmental plan is a complex undertaking. It requires many teams with differing backgrounds to address the issues of planning to meet demand with a reliable, clean, diversified and sustainable energy portfolio.

This undertaking began in the winter of 2008, when a cross-functional project team was formed that today represents nine organizations that are relentlessly focused on implementing a plan to best meet the principles of TVA’s Strategic Plan and the goals of its Environmental Policy (see box,

below) and the needs of the region.

#### **Seven Worlds, Five Strategies, 13 Variables**

Gary Brinkworth, senior manager of New Generation & Portfolio Optimization, leads the five-person Integrated Resource Plan technical team. “We do the work on models and analysis, then help develop a simplified presentation of the results,” says Brinkworth. “We start with seven scenarios of what the future might be like. You can think of the scenarios as ‘worlds,’ as in ‘What world will we be living in?’” The seven “worlds” combine different load forecasts, fuel prices, environmental regulations and capital costs, to name just four of 13 variables.

The team then analyzes five planning strategies in each of the worlds. “The strategies are different ways TVA might do its

business,” says Brinkworth. “For example, one strategy calls for not retiring any fossil capacity. Another calls for retiring 7,000 megawatts of the coal fleet while using a lot more renewable, energy conservation and demand-side management.”

The technical team then runs the seven futures and five strategies through a program that randomly chooses combinations of variables. “The program tests the uncertainty of our forecasts,” says Brinkworth. “We come up with more than 2,500 model simulations. It’s a huge amount of data, but it tells us how our strategies might perform in different futures. When all the analysis is complete, we’ll take the results to the TVA Board and show them selected strategies they can consider as TVA’s overall power-supply planning strategy.”

Johnson says TVA will put the draft Integrated Resource Plan out in mid-September, then have a public-comment period. After addressing public and internal input, the team will identify the preferred plan and put it before the TVA Board for consideration in spring 2011. ■

visit [www.tva.gov/irp](http://www.tva.gov/irp).

**Principles in TVA’s Strategic Plan  
Goals of TVA’s Environmental Policy**



Gary Brinkworth (left) and his technical team, including analyst Mike Young (right), are coming up with 2,500 simulations to test portfolio mixes against different “worlds.”

JODY COX





# my job rocks

BY BROOKS CLARK

TVA employees are on the job 24/7, keeping the lights on, running the river system, managing TVA lands and supporting TVA's operations. In this column, you'll hear from TVA employees who can say, "My job rocks!"

**CRYSTAL MEILUNAS GALYON** | BALANCING AUTHORITY, SYSTEMS OPERATIONS

**Crystal Galyon says she and her job were made for each other: "I'm not the kind who likes to do the same thing every day. I get bored easily, so this is the job for me."**

As a balancing authority in the Systems Operations Center in Chattanooga, Galyon decides which units need to go on and off line to keep the TVA power system balanced. Based on weather forecasts, costs and risk analysis, she continually changes the mix of nuclear, fossil, hydro and combustion-turbine generation to meet load requirements. "I've always been good at math and what I do all day is calculate how much generation I'll need to meet customer load," she says.

"I love operations and responding to real-time emergencies," she adds. "I like the freedom and responsibility. I'm the one in charge. It's like being captain of the Starship *Enterprise*. The control room is even arranged in elevated multi-sections like the bridge on *Star Trek*."

## **Machinist's Mate to Unit Operator**

Galyon, 31, grew up in the tiny Texas town of Celeste about 50 miles northwest of Dallas. As salutatorian of Celeste High School, Galyon won a yearlong scholarship to nearby Texas A&M-Commerce. When the scholarship ran out, she weighed her options and joined the Navy, serving in San Diego and almost three years as a nuclear machinist's mate aboard the aircraft carrier *U.S.S. John C.*

*Stennis*. "I've always liked working with machines," she explains.

After the Navy, she received a bachelor's degree in nuclear engineering in 2003 and soon after saw a job opening at John Sevier Fossil Plant in Rogersville, Tenn. "I'd always wanted to work for TVA," says Galyon, "so I jumped on it. I didn't even know where Rogersville was."

She started in 2005 as an assistant unit operator at John Sevier. After a year there, she moved to Bull Run near Knoxville, where she made unit operator in 2007 and met Jeffrey Galyon, a scrubber-board operator. "I was his boss," she says.

They knew each other a while before they

started dating, when he also joined in her main hobby: traveling to foreign countries. "Working rotational shifts, I get a week off every five weeks, which makes it perfect for travel." They went to Russia in 2008, Costa Rica in 2010 and many places in between. They were married this past June 18 on the island of St. Croix.

Galyon is also completing her master's degree in organizational management, mostly online, from Edison State College in New Jersey. With her thesis on TVA's recent wind-power purchases almost complete, she should graduate in October.

She has been in her job as a balancing authority for a year. "I'm always on my



PHOTOS BY JODY COX

**For Balancing Authority Crystal Galyon, the Systems Operations Center Control Room feels like the bridge of the *Enterprise*.**



# Retirees supported Kingston recovery from Day 1

BY JEFF GARY

**More than 80 TVA retirees have worked on the Kingston ash-spill recovery project and here are three of their stories:**

## Neil Carriker

On Dec. 21, 2008, Neil Carriker returned from a beach vacation with plans to work a few quiet weeks over the holidays, wrapping up projects before officially submitting his retirement papers, ending almost 31 years of service.

His plans changed about 5:30 a.m. Dec. 22, when he thought he dreamt that his cell phone was vibrating. He then awoke to realize it was no dream. "That was my introduction to the Kingston ash spill," Carriker says.

Carriker is an environmental engineer and scientist whose pre-retirement job included managing TVA responses to environmental spills from his office in Chattanooga. After rounding up field crews and equipment, he headed to Kingston for a first-hand look. "I got there by noon and joined the effort to form crews and make plans to get on the river and do a preliminary investigation of the potential impact," he says.

Early on, Carriker was the project's environmental manager. He slowed down long enough to file retirement papers in April 2009. After he retired, his job transitioned. One of his principal jobs now is to coordinate the environmental monitoring and research that has sprung up because of the recovery project.

"The emergency-response phase — through the end of January — was absolutely incredible," he recalls. "It's amazing what got accomplished in a very short period of time."



Neil Carriker

## Beverley Kelley

Retiree Beverley Kelley heard about the spill from TV news broadcasts. She called the plant to find out what she could do, and she was back to work at the site on Christmas Eve answering phones and taking messages.

"I had worked for TVA for 30 years, and that is the first time I ever worked on Christmas Eve," Kelley says. On Christmas Day, she was asked to recruit a group of TVA retirees doing outreach efforts in the area near the spill.

Ultimately, she recruited six retirees and some full-time staff to join an outreach initiative she called "Boots to Ground." She and her teammates went door-to-door asking families if they had specific needs related to the spill.

After about a week, Kelley then became a clearinghouse for tracking and responding to community requests and concerns related to the incident. Her work in this area continues to this day. "I am amazed at how far we've come with the removal of ash in a short period of time. The areas we've cleared look great and will look even better when we are finished," Kelley says.



Beverley Kelley

## Pat O'Connor

"One of the smartest decisions TVA made was to set up that outreach group," says retiree Pat O'Connor. "TVA's greatest challenge was and remains regaining the trust of the community. That's why I wanted to get involved."

At the time of the spill, O'Connor had been retired two months after working for 31 years. Like Carriker, he was tying up loose ends, working three days a week in TVA's Transmission & Reliability organization in Chattanooga when he was asked to help TVA's outreach team.

O'Connor soon found himself on the river working with a group doing cenosphere and debris removal and shoreline cleanup.

"River Operations is like outreach," O'Connor says. "We're on the front lines in terms of dealing with residents. This has been totally different from anything I've done before. I get to spend time on the river. I get to talk to a lot of people. How can you complain about that?" ■



Pat O'Connor

PHOTOS BY BOB PULLEN

## new retirees

### 36 Years

**Terry N. Kemp**, Strategy & External Relations, Starkville

### 35 Years

**Billie C. Bailey**, Fossil Power Group, Rogersville

### 34 Years

**Lawrence Alfred Denayer**, Operating Support and Fleet Governance, Chattanooga

### 33 Years

**William E. Parry**, Fossil Power

Group, New Johnsonville

**Wesley H. Huggins**, Fossil Power Group, Stevenson

### 31 Years

**Susan C. Jeffers**, Environment & Technology, Knoxville

### 30 Years

**Jack G. Workman**, Fossil Power Group, Chattanooga

**For a list of other recent retirees, see the online *Inside TVA*.**

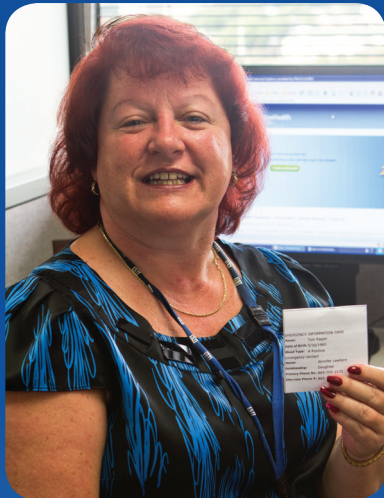


# A 'You'-Focused Website

AN EASY WAY TO BECOME MORE ENGAGED IN YOUR HEALTH CARE

BY KELLY LAWSON

**C**onvenient is how Toni Ragan (right) describes the MyActiveHealth website for TVA employees. "I was able to print a wallet card from the website that I carry in case of an emergency. It has my contact, insurance and health information," says Ragan, a customer service representative in the TVA Service Center. "It is wonderful to have everything in one place."



## CHECK OUT THESE WEBSITE FEATURES

### Online digital coaching

You choose what you want to work on. Maybe you want to learn more about an existing medical condition, healthy eating or helpful exercises.

Whatever your goal, the online tools walk you step-by-step through the process of creating a plan for better health. The plan is tailored just for you, using the information you provide. Tips and follow-ups help keep you motivated and on track.

You go at your own pace and can revisit any coaching section at any time. And you can take advantage of digital coaching whether or not you're enrolled in the Informed Care Management program and work with a nurse coach over the phone.

### Tools to help you work better with your nurse coach

If you're enrolled in the Informed Care Management program and work with a nurse coach over the phone, you have extra services. For example, you can send your coach secure messages, see the date and time of your next appointment, and track your follow-up items. "The new e-mail/messaging feature will help members receive quick answers to their questions," says Colleen Elzy, Clinical & Customer Service manager for ActiveHealth Management.

You can participate in the program if you or a dependent have any of these conditions:

- Asthma (adult and pediatric)
- Chronic low back pain or neck pain
- Congestive heart failure
- Chronic obstructive pulmonary disease
- Coronary artery disease
- Diabetes (adult and pediatric)

Ragan is one of more than 4,600 employees who are registered users of [www.MyActiveHealth.com/tva](http://www.MyActiveHealth.com/tva). If you are enrolled in a TVA medical plan you have access to this private and secure website. It is packed with useful health-related information and services, including your personal health record, the latest health news, helpful articles and a symptom checker. The website also features a calendar that allows you to set up e-mail or text-message reminders for upcoming appointments.

Since 2001, TVA has offered online health-information tools, a chronic-conditions program and the 24/7 nurse line as part of the medical plan. ActiveHealth Management administers these services. While the programs are voluntary and confidential, TVA makes them available as part of its commitment to help you and your family be informed healthcare consumers and be as healthy as possible.



**[www.MyActiveHealth.com/tva](http://www.MyActiveHealth.com/tva) | 1-888-227-6859**

Informed Care Management nurses are available 8:30 a.m. to 11 p.m. ET Mondays-Fridays and 9 a.m. to 2 p.m. ET Saturdays. The nurse line is available 24 hours a day, 7 days a week.

ActiveHealth uses specific physical and electronic safeguards to protect your information. Your personal health information is never shared with or seen by TVA.

*Retirees enrolled in the Medicare Supplement Plan have access to the 24/7 nurse line only.*

Your Health  
Counts



# *people, plaudits, and promotions*

**Seven TVA employees received Technology Transfer Awards from the Electric Power Research Institute for their collaborative efforts tackling big challenges facing the electric utility industry.**

- **Suzanne Fisher**, an environmental scientist and senior adviser in TVA Technology Innovation in Knoxville, for her analysis of more than 20 years of research by EPRI and others on the variety of ways ecosystems react to acid rain. Her report formed EPRI's response to U.S. Environmental Protection Agency plans to revise so-called secondary air-quality standards. EPA wants to more closely link smokestack limits on nitrogen oxides and sulfur oxides to their impact on soil, water, visibility, plants and animals.
- **Ralph McKosky**, a project manager in Technology Innovation, and **Mark Goff**, a systems engineer in Power System Operations, both in Chattanooga, for their contributions to advances in transmission and substation sensor design and deployment.
- **Lisa Beard**, a retired project manager in Technology Innovation, and **Ritchie Carroll**, a retired Power System Operations manager in Chattanooga, for demonstrating an EPRI-developed, power-grid monitoring system called a Wide Area Power System Visualization Application. The system will give operators better tools to observe grid conditions in real-time and to detect and locate power disturbances.
- **Michael Turnbow**, general manager in Inspection & Testing in Chattanooga, for preparing a guidance document about ultrasonic exams of dissimilar metal welds, benefiting EPRI's Materials Reliability Program and its Boiling Water Reactor Vessels Internals Project.
- **Tom Burnett**, an Environmental Projects manager, on his retirement received EPRI's Lifetime Service Award. A national expert in hazardous air pollutants and control technologies, Burnett previously won EPRI accolades for evaluating selective catalytic reduction systems for power plants and for monitoring fine particulates in the Great Smoky Mountains National Park.

**Dave O'Connor**, a laborer in the Power Service Shops in Muscle Shoals, has been writing and playing country songs since he was a teenager in Kewanee, Ill., the hog capital of the world and hometown of Neville Brand, the actor who killed the character played by Elvis Presley in *Love Me Tender*.

Over the years, O'Connor has written more than 200 songs and recorded 17 of them, along with 30 written by others. He recorded his first 45-rpm record, "Fourteen Hundred Teardrops," in 1958, and then followed with another in 1959, "Five Steps Behind," when he was living in Texas. He moved to North Alabama because a friend, James Joiner, said he could help O'Connor with his music. In 1961, in Muscle Shoals' Fame Studios, Joiner produced O'Connor performing "Gotta Get to Georgia." Before O'Connor started with the Power Service Shops in 1978, he sold trailers, managed a trailer park and worked in factories, in construction and at gas stations, and tended bar in the daytime while playing at night at the Circle Lee Bar in Iron City, Tenn.

This year, at 72, O'Connor has hit the charts—in Australia. "You Feel Like Home" is No. 2 and "Cowboy Man" is No. 7 on the independent charts "down under." Both songs were written by Dave Stevens (© Northwest Alabama Music Publishing) and are on O'Connor's 10-song CD "Cowboy Man," recorded at Harmony House Studios in Lexington, Ala., and released earlier this year. "The publisher has a connection in Australia," explains O'Connor.

To buy the CD, call Kim or Darrell Glover at 256-229-8814 or write to 3596 County Rd. 136, Lexington, AL 35648.



## NEW EMPLOYEE

### DAVID YANCEY JR.

Project Controls Specialist, Outage Scheduling  
Sequoyah Nuclear Plant



David Yancey joined TVA at the end of February as a project controls specialist in Outage Scheduling at Sequoyah Nuclear Plant.

Yancey, a native of Norfolk, Va., got his interest in nuclear engineering from his father, David Sr., who worked on nuclear reactors as a marine machinist on Navy submarines. "I enjoyed computing number systems, doing logic puzzles, making measurements and performing experiments," Yancey says. "I was like the cartoon Dexter's Laboratory, before Dexter came along."

Yancey was also good at football. At Granby High School in Norfolk, he was the most valuable player as a freshman and gained more than 1,000 all-purpose yards as a senior. A 5'8", 198-pound tailback, he walked on at the University of Tennessee and earned scholarships in 2004 and 2006. In Yancey's sophomore year, he rushed for 59 yards on 13 carries in the Vols' victory over Texas A&M in the Cotton Bowl. Yancey was also the first UT football player to major in nuclear engineering since the 1950s. "There's not been anybody around here in a while with the great work ethic he has," said Phillip Fulmer, then UT's head coach.

During freshman orientation at UT, Yancey met Ayanna Greer, a sprinter and long jumper with the UT track team and sister of UT cornerback Jabari Greer, now with the New Orleans Saints. "She was my college sweetheart," says Yancey. They are now married and have two children, Kaylyn, 6, and David III, 2. Ayanna is a home-care provider and is starting an in-home day care center.

After graduating from UT in 2007, Yancey played a season of Arena football with the Rockford (Ill.) Raptors before joining Bechtel as a mechanical designer and working on the water cooling system for Watts Bar Unit 2.



# NEW EMPLOYEES

**John E. Avitt**, Chattanooga, Power System Operations  
**Shawn McLaurin Ballard**, Knoxville, Human Resources  
**Tereisa Jeanne Bateman**, Decatur, Nuclear Power Group  
**Todd Christopher Bealer**, Knoxville, Financial Services  
**Sharon D. Bowden**, Soddy-Daisy, Nuclear Power Group  
**Sasha Brandy Bowman**, Knoxville, Financial Services  
**Richard Keith Brady**, Soddy-Daisy, Nuclear Power Group  
**Jane K. Brock**, Chattanooga, River Operations  
**Brook Shannon Butler**, Nashville, Information Services  
**John Michael Colvin**, Chattanooga, Fossil Power Group  
**Derrick W. Davis**, Muscle Shoals, River Operations  
**Charles P. Dieckmann**, Chattanooga, Nuclear Power Group  
**Carrie Raneé Dittrich**, Kingston, Human Resources  
**Richard Dudley Gamble**, Chattanooga, Power System Operations  
**Ricky D. Gant**, Stevenson, Fossil Power Group  
**Herdle Andrew Hammer**, Knoxville, People & Performance  
**Cameron Quade Hayes**, Drakesboro, Fossil Power Group  
**Catherine Hoffman**, Chattanooga, Nuclear Power Group  
**Youmei Hou**, Chattanooga, Financial Services  
**Bruce L. Jackson**, West Paducah, Fossil Power Group  
**Jonathan Glen Jaudon**, Decatur, Nuclear Power Group  
**Charles Steven Johnson**, Knoxville, Information Services  
**Dominique Demone Kenebrew**, Chattanooga, Nuclear Generation, Development & Construction  
**Amanda Payne Lawing**, Chattanooga, Operating Support & Fleet Governance  
**Jeffrey V. Leonard**, Chattanooga, Power System Operations  
**Randy Littlejohn**, Chattanooga, Power System Operations  
**Carolyn Lockhart**, Soddy-Daisy, Nuclear Power Group  
**Julia Elizabeth Mayshark**, Knoxville, Financial Services  
**Sharon McCorvie**, Soddy-Daisy, Nuclear Power Group  
**Keith Ray McMillion**, Chattanooga, Fossil Generation, Development & Construction  
**Louis Paul Miller**, Knoxville, Information Services  
**Mohamed Fadel Mohamed**, Memphis, Fossil Power Group  
**Catherine B. Morgan**, Spring City, Nuclear Power Group  
**Christopher Howard Murphy**, Chattanooga, Financial Services  
**Hugh Rediger**, Soddy-Daisy, Nuclear Power Group  
**Dana Kathleen Reid**, Chattanooga, Financial Services

**Claude C. Roberts**, Chattanooga, Nuclear Power Group  
**William Chapman Roedder**, Chattanooga, People & Performance  
**Jon R. Rogozinski**, Decatur, Nuclear Power Group  
**Timothy W. Setter**, Soddy-Daisy, Nuclear Power Group  
**Rusty Lee Shutt**, Decatur, Nuclear Power Group  
**Justin Liles Sperrazza**, Chattanooga, Power Supply & Fuels  
**Steven Shane Stanley**, Decatur, Nuclear Power Group  
**Michael Paul Staton**, Knoxville, Financial Services  
**Heidi Anne Stubbs**, Knoxville, Office of General Council  
**Shelby B. Sutherland**, Chattanooga, Information Services  
**Charles Kevin Tucker**, Chattanooga, Strategy & External Relations  
**Gary Lee Vandeusen**, Spring City, Financial Services  
**Nicholas Brian Wallace**, Chattanooga, Financial Services  
**Shawn Michael Webb**, Hollywood, Operating Support & Fleet Governance  
**John Thomas Wheeler**, Chattanooga, Talent Management  
**Jonathan M. Wheeler**, Chattanooga, River Operations  
**John Raymond White**, Chattanooga, Information Services  
**Jayson Randolph Williams**, New Johnsonville, Power System Operations  
**Patricia A. Williams**, Chattanooga, Nuclear Power Group  
**Stephen M. Ziegler**, Brownsville, Fossil Power Group

## From your mind to OpenLine

### RECENTLY IN OPEN LINE: AN EMPLOYEE ASKED A QUESTION ABOUT THE CULTURAL HEALTH INDEX:

#### QUESTION

When do we plan to resume the Cultural Health Index survey? If not, why not? I know we used the Organizational Health Index last year, but frankly it did not accomplish the same objectives or provide me as a line manager with feedback and actionable information about our work environment like the Cultural Health Index does.

#### RESPONSE

We will use the Organizational Health Index survey process to measure TVA's culture for the next two to three years. This will provide a consistent measurement approach to see if we're making progress in areas targeted by the Organizational Effectiveness Initiative. The Organizational Health Index results provide our best baseline, and the next survey is scheduled to occur in fiscal year 2011.

We recognize that the initial Organizational Health Index survey process did not provide the same level of actionable feedback to line organizations as did the Cultural Health Index results. The Organizational Health Index captured an objective, diagnostic assessment of where we stood on a number of issues, and the findings led to recommendations and the Organizational Effectiveness Initiative.

As we plan for the next survey, we are exploring options that will provide line managers additional access to organizational details.

To read more employee questions and comments, go to [Open Line on InsideNet](#).

